

ABSTRACT

A cable includes a plurality of twisted pairs of conductors in a dense hexagonal matrix-like form defining thereof horizontal rows and oblique columns with each other in a rectangular coordinate system wherein the twisted pairs in the same row have the same twist direction [while have opposite twist directions] with those in the two neighboring rows aside, and wherein for each row there is a ninety degrees phase shift between every adjacent two pairs and for each column there is a non-ninety degrees phase shift between every adjacent two pairs.